

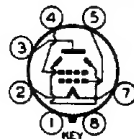


IQ5-GT/IQ5-G

BEAM POWER AMPLIFIER

IQ5-GT
★

| | | |
|------------------------|--------------------------------|-----------------------|
| Filament | Coated | |
| Voltage | 1.4 | d-c volts |
| Current | 0.1 | amp. |
| Maximum Overall Length | | 3-5/16" |
| Maximum Seated Height | | 2-3/4" |
| Maximum Diameter | | 1-5/16" |
| Bulb | | T-9 |
| Base | Intermediate Shell Octal 7-Pin | |
| Pin 1 - No Connection | | Pin 5 - Grid |
| Pin 2 - Filament + | | Pin 7 - Filament - |
| Pin 3 - Plate | | Pin 8 - No Connection |
| Pin 4 - Screen | | |
| Mounting Position | | Any |



BOTTOM VIEW (G-6AF)

AMPLIFIER

| | | | |
|---|-------|----------|--------------|
| Plate Voltage | | 110 max. | volts |
| Screen Voltage | | 110 max. | volts |
| Zero-Signal Cathode Current | | 12 max. | ma. |
| <i>Typical Operation and Characteristics - Class A₁ Amplifier:</i> | | | |
| Plate | 85 | 90 | volts |
| Screen | 85 | 90 | volts |
| Grid | -5 | -4.5 | volts |
| Peak A-F Grid Voltage | 5 | 4.5 | volts |
| Zero-Sig. Plate Cur. | 7.0 | 9.5 | ma. |
| Zero-Sig. Screen Cur. | 0.8 | 1.3 | approx. ma. |
| Plate Resistance | 70000 | 75000 | approx. ohms |
| Transconductance | 1950 | 2200 | μmhos |
| Load Resistance | 9000 | 8000 | ohms |
| Total Harmonic Dist. | 5.5 | 6.0 | % |
| Max.-Sig. Power Output | 250 | 270 | mw. |

← Indicates a change.

July 1, 1941

RCA RADIOTRON DIVISION
RCA MANUFACTURING COMPANY, INC.

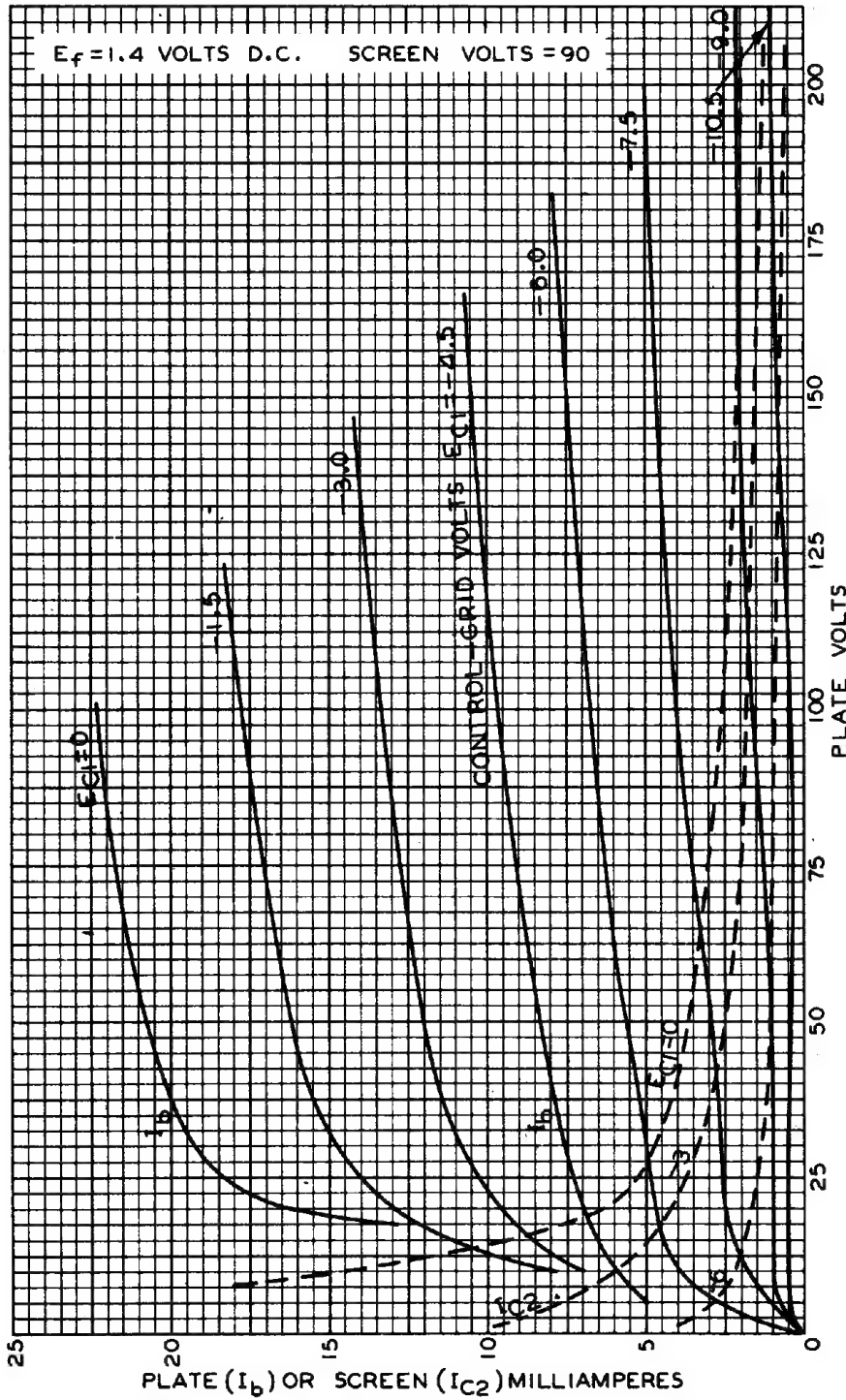
DATA

1Q5-GT



1Q5-GT

AVERAGE PLATE CHARACTERISTICS



JUNE 3, 1941

RCA RADOTRON DIVISION
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92C-6293